## WHAT IS CLAIMED IS:

- An article of footwear comprising:
- 2 an upper;
- 3 an outsole defining a ground engaging surface;
- 4 a sole disposed between said upper and said outsole, said sole
- 5 including an energy return system;
- 6 wherein said energy return system comprises a first rigid plate, a
- 7 second rigid plate spaced a predetermined distance from said first rigid plate, and
- 8 at least one separating element disposed therebetween to maintain the spacing
- 9 between said plates.
- 1 2. The article of footwear of claim 1 wherein said first and second
- 2 plates comprise a material having a modulus of elasticity of at least approximately
- 3 32 x 106 lb/in2.
- The article of footwear of claim 2 wherein said material comprises
  carbon graphite.
- 1 4. The article of footwear of claim 1 wherein said at least one
- 2 separating element comprises an elastomeric material.
- The article of footwear of claim 1 wherein said at least one
- 2 separating element comprises two separating elements, a first one of said
- 3 separating elements being disposed in a toe area of said article of footwear and a
- 4 second one of said separating elements being disposed in a heel area of said article
- 5 of footwear.

- 1 6. The article of footwear of claim 1 wherein said first one of said 2 separating elements is generally arcuate.
- The article of footwear of claim 1 wherein said first and second
  rigid plates define an energy return system.
- 1 8. An energy return system for use in a shoe sole, said system 2 comprising:
- 3 a first rigid plate;
- 4 a second rigid plate spaced a predetermined distance from said first
- 5 rigid plate;
- 6 at least one separating element maintaining the distance between
- 7 said first and second rigid plates.
- The energy return system of claim 8 wherein said first and second
  plates comprise a material having a modulus of elasticity of at least approximately
  32 x 10° lb/in².
- The energy system of claim 9 wherein said material comprises
  carbon graphite.
- 11. The energy system of claim 10 wherein said first and second plates
  2 are formed by a plurality of layers of carbon graphite.
- 12. The energy system of claim 8 wherein each of said first and second
  rigid plates extends substantially the entire length of a foot.

- 1 13. The energy system of claim 12 wherein each of said first and 2 second rigid plates is configured to include a rocker bottom.
- 14. The energy system of claim 8 wherein each of said first and second
  rigid plates extends only a portion of the length of a foot.
- 15. The energy system of claim 14 wherein each of said first and
  2 second rigid plates extends from a toe area of the foot to an arch area of the foot.
- 16. The energy system of claim 8 wherein said at least one separating
  2 element comprises an elastomeric material.
- 1 17. The energy system of claim 8 wherein said at least one separating element comprises two separating elements, a first one of said separating elements
- 3 disposed in a forward end of the energy return system and a second one of said
- 4 separating elements disposed in a rearward end of the energy return system.
- A shoe sole incorporating the energy return system of claim 8.
- 1 19. An article of footwear incorporating the shoe sole of claim 16.
- 1 20. A shoe sole for an article of footwear comprising:
- 2 an outsole defining a ground engaging surface;
- 3 an upper rigid plate spaced from the outsole for attachment to an
- 4 upper;
- 5 a lower rigid plate disposed between the outsole and the upper rigid
- 6 plate; and

at least one separating element disposed between the upper and
 lower rigid plates to maintain the separation thereof.